

10/588,940

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal61lbxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	MAY 01	New CAS web site launched
NEWS	3	MAY 08	CA/CAPLUS Indian patent publication number format defined
NEWS	4	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS	5	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS	6	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS	7	MAY 21	CA/CAPLUS enhanced with additional kind codes for German patents
NEWS	8	MAY 22	CA/CAPLUS enhanced with IPC reclassification in Japanese patents
NEWS	9	JUN 27	CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers
NEWS	10	JUN 29	STN Viewer now available
NEWS	11	JUN 29	STN Express, Version 8.2, now available
NEWS	12	JUL 02	LEMBASE coverage updated
NEWS	13	JUL 02	LMEDLINE coverage updated
NEWS	14	JUL 02	SCISEARCH enhanced with complete author names
NEWS	15	JUL 02	CHEMCATS accession numbers revised
NEWS	16	JUL 02	CA/CAPLUS enhanced with utility model patents from China
NEWS	17	JUL 16	CAPLUS enhanced with French and German abstracts
NEWS	18	JUL 18	CA/CAPLUS patent coverage enhanced
NEWS	19	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	20	JUL 30	USGENE now available on STN
NEWS	21	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	22	AUG 06	BEILSTEIN updated with new compounds
NEWS	23	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	24	AUG 13	CA/CAPLUS enhanced with additional kind codes for granted patents
NEWS	25	AUG 20	CA/CAPLUS enhanced with CAS indexing in pre-1907 records
NEWS	26	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	27	AUG 27	USPATOLD now available on STN
NEWS	28	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:19:38 ON 04 SEP 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:19:50 ON 04 SEP 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 SEP 2007 HIGHEST RN 945955-20-4

DICTIONARY FILE UPDATES: 3 SEP 2007 HIGHEST RN 945955-20-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

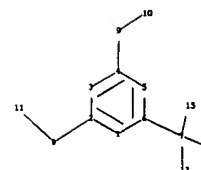
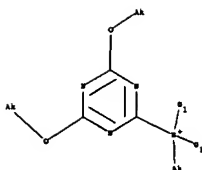
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10588940.str

10/588,940



chain nodes :
7 8 9 10 11 12 15 16
ring nodes :
1 2 3 4 5 6
chain bonds :
2-8 4-9 6-7 7-12 7-15 7-16 8-11 9-10
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
2-8 4-9 6-7 7-12 7-15 7-16 8-11 9-10
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

G1:CH3,Et,n-Pr

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 15:CLASS 16:CLASS
Element Count :
Node 12: Limited
C,C1-20

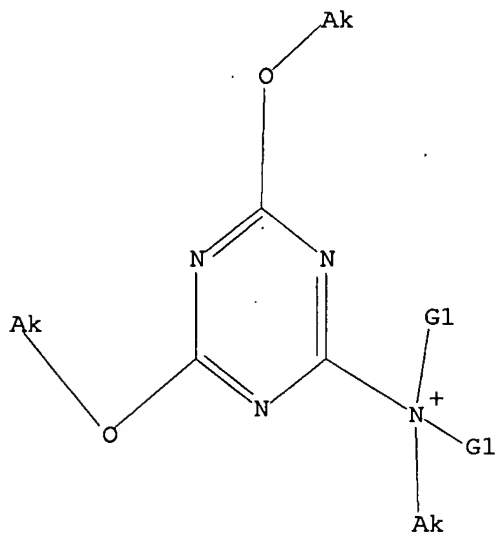
10/588,940

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 Me,Et,n-Pr

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 12:20:12 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 379 TO ITERATE

100.0% PROCESSED 379 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 6412 TO 8748

PROJECTED ANSWERS: 3 TO 163

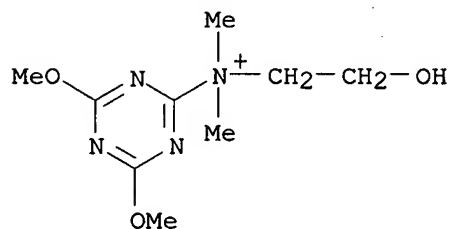
L2 3 SEA SSS SAM L1

=> d scan

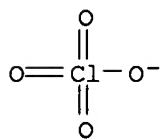
10/588,940

L2 3 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 1,3,5-Triazin-2-aminium, N-(2-hydroxyethyl)-4,6-dimethoxy-N,N-dimethyl-,
perchlorate (salt) (9CI)
MF C9 H17 N4 O3 . Cl O4
CI COM

CM 1



CM 2



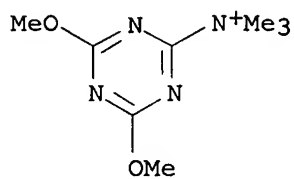
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

10/588,940

L2 3 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)

MF C8 H15 N4 O2 . Cl



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

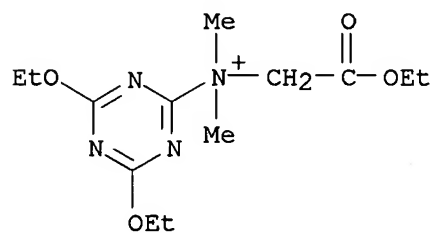
10/588,940

L2 3 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 1,3,5-Triazin-2-aminium, 4,6-diethoxy-N-(2-ethoxy-2-oxoethyl)-N,N-dimethyl-
(9CI)

MF C13 H23 N4 O4

CI COM



ALL ANSWERS HAVE BEEN SCANNED

10/588,940

=> s l1 sss ful
FULL SEARCH INITIATED 12:20:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7064 TO ITERATE

100.0% PROCESSED 7064 ITERATIONS 36 ANSWERS
SEARCH TIME: 00.00.01

L3 36 SEA SSS FUL L1

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	172.10	172.31

FILE 'CAPLUS' ENTERED AT 12:20:36 ON 04 SEP 2007
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FILE COVERS 1907 - 4 Sep 2007 VOL 147 ISS 11
FILE LAST UPDATED: 3 Sep 2007 (20070903/ED)

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<http://www.cas.org/infopolicy.html>

=> s l3
L4 16 L3

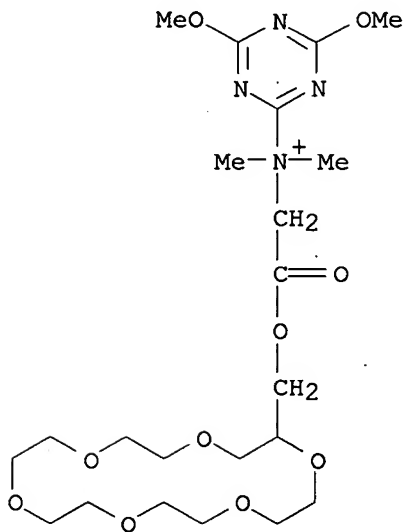
=> d l4 1-16 bib hitstr

10/588,940

L4 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:198009 CAPLUS
DN 144:412335
TI Primary-amine-specific lactamization of ω -amino acids by an
artificial cyclotransferase based on [18]crown-6
AU Kunishima, Munetaka; Hioki, Kazuhito; Moriya, Takahiro; Morita, Jun;
Ikuta, Tomoko; Tani, Shohei
CS Faculty of Pharmaceutical Sciences, Kobe Gakuin University, Nishi-ku,
Kobe, 651-2180, Japan
SO Angewandte Chemie, International Edition (2006), 45(8), 1252-1255
CODEN: ACIEF5; ISSN: 1433-7851
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA English
OS CASREACT 144:412335
IT 883997-09-9P
RL: CAT (Catalyst use); SPN (Synthetic preparation); PREP (Preparation);
USES (Uses)
(primary-amine-specific lactamization of ω -amino acids by an
artificial cyclotransferase based on [18]crown-6)
RN 883997-09-9 CAPLUS
CN 1,3,5-Triazin-2-aminium, N-[2-(1,4,7,10,13,16-hexaoxacyclooctadec-2-
ylmethoxy)-2-oxoethyl]-4,6-dimethoxy-N,N-dimethyl-, salt with
trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

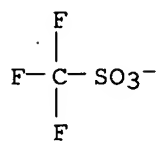
CRN 883997-08-8
CMF C22 H39 N4 O10



CM 2

CRN 37181-39-8
CMF C F3 O3 S

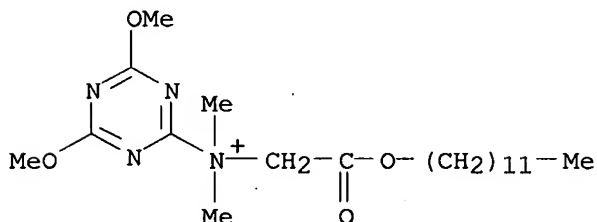
10/588,940



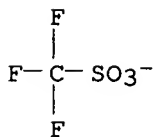
RE.CNT 38

THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2005:1269428 CAPLUS
 DN 144:149869
 TI Unusual rate enhancement of bimolecular dehydrocondensation to form amides
 at the interface of micelles of fatty acid salts
 AU Kunishima, Munetaka; Imada, Hiroko; Kikuchi, Kanako; Hioki, Kazuhito;
 Nishida, Jin; Tani, Shohei
 CS Faculty of Pharmaceutical Sciences, Kobe Gakuin University, Nishi-ku,
 Kobe, 651-2180, Japan
 SO Angewandte Chemie, International Edition (2005), 44(44), 7254-7257
 CODEN: ACIEF5; ISSN: 1433-7851
 PB Wiley-VCH Verlag GmbH & Co. KGaA
 DT Journal
 LA English
 OS CASREACT 144:149869
 IT 862430-39-5 862430-41-9 862430-44-2
 862430-45-3
 RL: CPS (Chemical process); PEP (Physical, engineering or chemical
 process); PRP (Properties); RCT (Reactant); PROC (Process); RACT (Reactant
 or reagent)
 (unusual rate enhancement of bimol. dehydrocondensation to form amides
 at the interface of micelles of fatty acid salts)
 RN 862430-39-5 CAPLUS
 CN 1,3,5-Triazin-2-aminium, N-[2-(dodecyloxy)-2-oxoethyl]-4,6-dimethoxy-N,N-
 dimethyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX
 NAME)
 CM 1
 CRN 862430-38-4
 CMF C21 H39 N4 O4



CM 2
 CRN 37181-39-8
 CMF C F3 O3 S



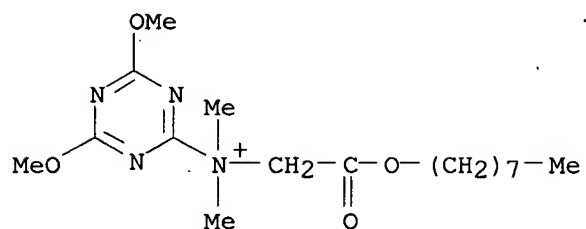
RN 862430-41-9 CAPLUS
 CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N-dimethyl-N-[2-(octyloxy)-2-
 oxoethyl]-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX
 NAME)

10/588,940

CM 1

CRN 862430-40-8

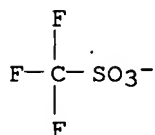
CMF C17 H31 N4 O4



CM 2

CRN 37181-39-8

CMF C F3 O3 S



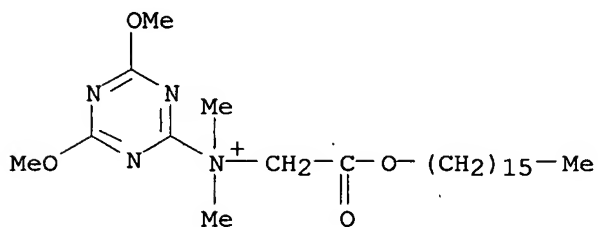
RN 862430-44-2 CAPLUS

CN 1,3,5-Triazin-2-aminium, N-[2-(hexadecyloxy)-2-oxoethyl]-4,6-dimethoxy-N,N-dimethyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 862430-43-1

CMF C25 H47 N4 O4

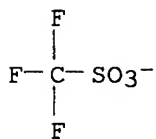


CM 2

CRN 37181-39-8

CMF C F3 O3 S

10/588,940



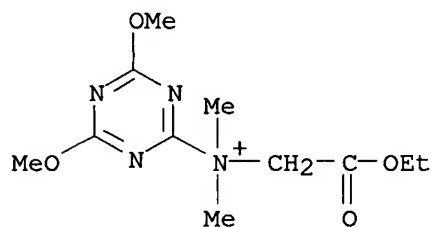
RN 862430-45-3 CAPLUS

CN 1,3,5-Triazin-2-aminium, N-(2-ethoxy-2-oxoethyl)-4,6-dimethoxy-N,N-dimethyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 756468-45-8

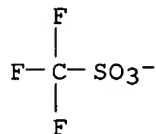
CMF C11 H19 N4 O4



CM 2

CRN 37181-39-8

CMF C F3 O3 S



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:823677 CAPLUS

DN 143:211941

TI Preparation of trialkyl(1,3,4-triazin-2-yl)ammonium salts as dehydrating condensation agents having property of accumulating at interface with water

IN Kunishima, Munetaka

PA Japan Science and Technology Agency, Japan

SO PCT Int. Appl., 48 pp.

CODEN: PIXXD2

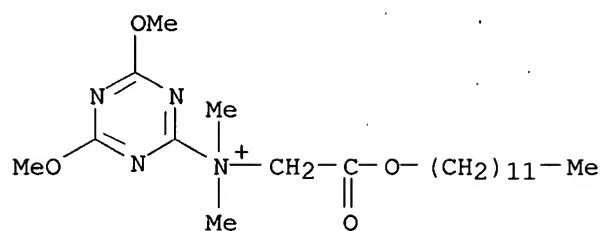
DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005075442	A1	20050818	WO 2005-JP1733	20050131
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2555777	A1	20050818	CA 2005-2555777	20050131
	EP 1714962	A1	20061025	EP 2005-704415	20050131
	R: DE, FR, GB				
	CN 1918136	A	20070221	CN 2005-80004371	20050131
	US 2007135632	A1	20070614	US 2006-588940	20060808
PRAI	JP 2004-33284	A	20040210		
	WO 2005-JP1733	W	20050131		
OS	MARPAT 143:211941				
IT	862430-39-5P 862430-41-9P 862430-44-2P 862430-45-3P				
	RL: RGT (Reagent); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation of trialkyl(1,3,4-triazin-2-yl)ammonium salts as dehydrating condensation agents having water interface-accumulating property for micelles formation)				
RN	862430-39-5 CAPLUS				
CN	1,3,5-Triazin-2-aminium, N-[2-(dodecyloxy)-2-oxoethyl]-4,6-dimethoxy-N,N-dimethyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)				
CM	1				
CRN	862430-38-4				
CMF	C21 H39 N4 O4				

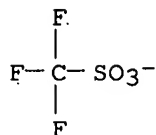
10/588,940



CM 2

CRN 37181-39-8

CMF C F3 O3 S



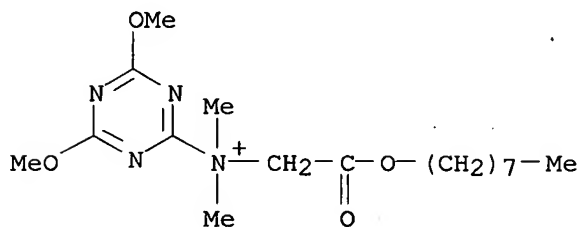
RN 862430-41-9 CAPLUS

CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N-dimethyl-N-[2-(octyloxy)-2-oxoethyl]-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

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CRN 862430-40-8

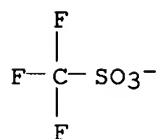
CMF C17 H31 N4 O4



CM 2

CRN 37181-39-8

CMF C F3 O3 S



RN 862430-44-2 CAPLUS

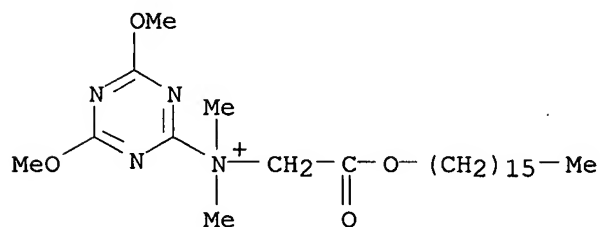
10/588,940

CN 1,3,5-Triazin-2-aminium, N-[2-(hexadecyloxy)-2-oxoethyl]-4,6-dimethoxy-N,N-dimethyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 862430-43-1

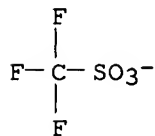
CMF C25 H47 N4 O4



CM 2

CRN 37181-39-8

CMF C F3 O3 S



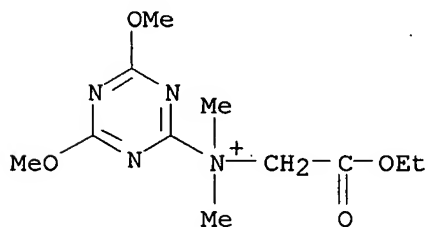
RN 862430-45-3 CAPLUS

CN 1,3,5-Triazin-2-aminium, N-(2-ethoxy-2-oxoethyl)-4,6-dimethoxy-N,N-dimethyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 756468-45-8

CMF C11 H19 N4 O4

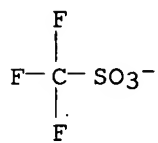


CM 2

CRN 37181-39-8

CMF C F3 O3 S

10/588,940

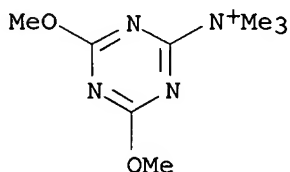


RE.CNT 13

THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2005:101599 CAPLUS
DN 143:248363
TI Derivatives of sym-triazine. 3. Synthesis and some conversions of
monoazides of the triazine series
AU Mikhailychenko, S. N.; Chesniuk, A. A.; Koniushkin, L. D.; Firgang, S. I.;
Zaplishny, V. N.
CS Kuban State Agricultural University, Krasnodar, 350044, Russia
SO Chemistry of Heterocyclic Compounds (New York, NY, United States) (2004),
40(9), 1162-1168
CODEN: CHCCAL; ISSN: 0009-3122
PB Springer Science+Business Media, Inc.
DT Journal
LA English
OS CASREACT 143:248363
IT 87024-55-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(azidotriazines and their conversion to triazolyltriazines via
heterocyclization with acetylacetone and Et acetoacetate)
RN 87024-55-3 CAPLUS
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)
(CA INDEX NAME)

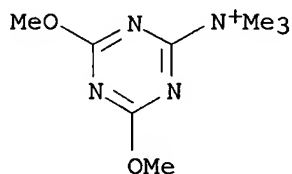


● Cl⁻

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:202751 CAPLUS
DN 142:176724
TI Product subclass 3: 1,3,5-triazines and phosphorus analogues
AU von Angerer, S.
CS Bad Abbach, 93077, Germany
SO Science of Synthesis (2004), 17, 449-583
CODEN: SSCYJ9
PB Georg Thieme Verlag
DT Journal; General Review
LA English
IT 87024-55-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of triazines and their phosphorus analogs via cyclization, ring
transformation, aromatization, and substituent modification)
RN 87024-55-3 CAPLUS
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)
(CA INDEX NAME)

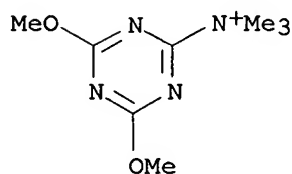


● Cl⁻

RE.CNT 592 THERE ARE 592 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2002:785499 CAPLUS
DN 138:170197
TI Cym-Triazine derivatives. 2. Synthesis, properties, and structure of
2-oxo-1,2-dihydro-sym-triazines
AU Mikhailichenko, S. N.; Chesniyuk, A. A.; Zavodnik, V. E.; Firgand, S. I.;
Konyushkin, L. D.; Zaplishny, V. N.
CS Kuban State Agricultural University, Krasnodar, 350044, Russia
SO Chemistry of Heterocyclic Compounds (New York, NY, United
States) (Translation of Khimiya Geterotsiklicheskikh Soedinenii) (2002),
38(3), 292-299
CODEN: CHCCAL; ISSN: 0009-3122
PB Kluwer Academic/Consultants Bureau
DT Journal
LA English
OS CASREACT 138:170197
IT 87024-55-3, 4,6-Dimethoxy-N,N,N-trimethyl-1,3,5-Triazin-2-aminium
chloride
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation and regioselective alkylation of 4,6-disubstituted-1,3,5-
triazin-2(1H)-one derivs.)
RN 87024-55-3 CAPLUS
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)
(CA INDEX NAME)

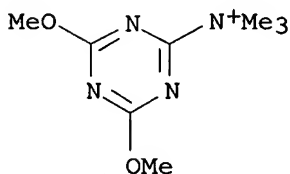


● Cl⁻

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2002:612626 CAPLUS
DN 137:384822
TI Derivatives of sym-triazine. 1. Synthesis and conversions of quaternary
methyllummonium salts of 2-chloro-4,6-disubstituted 1,3,5-triazines in
nucleophilic substitution reactions
AU Chesniuk, A. A.; Mikhailichenko, S. N.; Zavodnov, V. S.; Zaplishny, V. N.
CS Kuban State Agricultural University, Krasnodar, 350044, Russia
SO Chemistry of Heterocyclic Compounds (New York, NY, United
States) (Translation of Khimiya Geterotsiklicheskikh Soedinenii) (2002),
38(2), 177-182
CODEN: CHCCAL; ISSN: 0009-3122
PB Kluwer Academic/Consultants Bureau
DT Journal
LA English
OS CASREACT 137:384822
IT 87024-55-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation of sym-triazine derivs. via nucleophilic substitution reaction
of methyllummonium salts and 2-chloro-4,6-disubstituted 1,3,5-triazines)
RN 87024-55-3 CAPLUS
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)
(CA INDEX NAME)



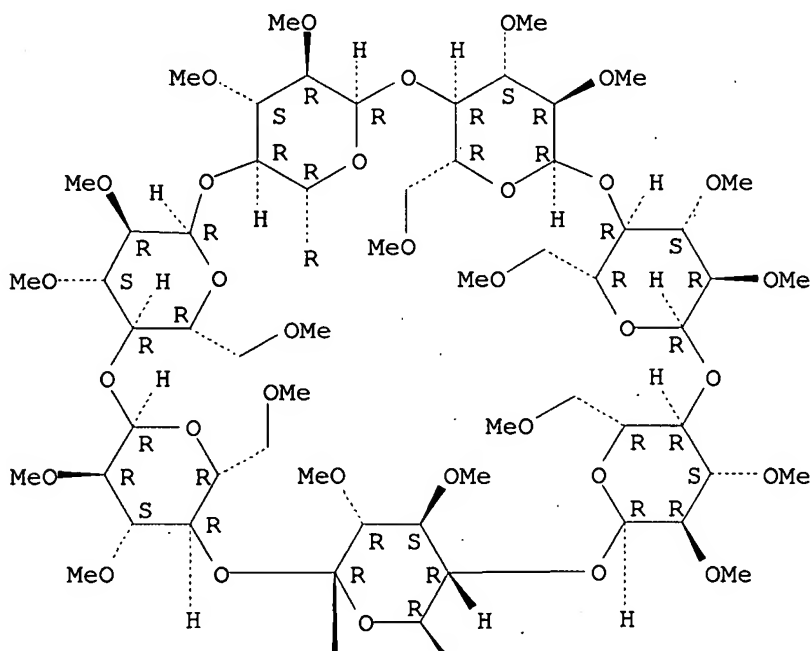
● Cl⁻

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

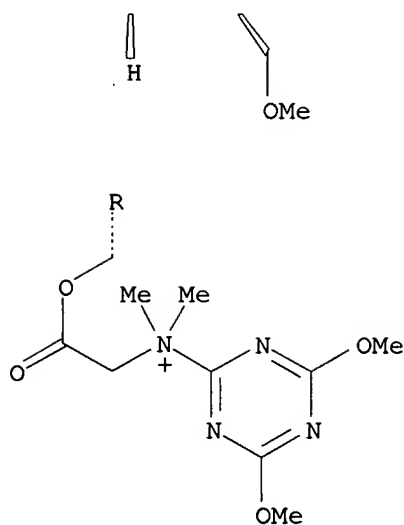
L4 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2001:719190 CAPLUS
DN 136:19911
TI Cyclodextrin-Based Artificial Acyltransferase: Substrate-Specific
Catalytic Amidation of Carboxylic Acids in Aqueous Solvent
AU Kunishima, Munetaka; Yoshimura, Kazuma; Morigaki, Hiroshi; Kawamata,
Reiko; Terao, Keiji; Tani, Shohei
CS Faculty of Pharmaceutical Sciences and High Technology Research Center,
Kobe Gakuin University, Nishi-ku Kobe, 651-2180, Japan
SO Journal of the American Chemical Society (2001), 123(43), 10760-10761
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English
OS CASREACT 136:19911
IT 378759-56-9P 378759-59-2P
RL: CAT (Catalyst use); SPN (Synthetic preparation); PREP (Preparation);
USES (Uses)
(direct amidation of benzoic acids with amine salts with cyclodextrin
triazinylaminoacetate as an acyltransferase model)
RN 378759-56-9 CAPLUS
CN β -Cyclodextrin, 2A,2B,2C,2D,2E,2F,2G,3A,3B,3C,3D,3E,3F,3G,6A,6B,6C,6D
,6E,6F-eicosa-O-methyl-, [(4,6-dimethoxy-1,3,5-triazin-2-
yl)dimethylammonio]acetate, chloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 2-A

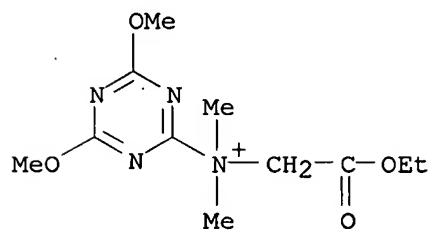


PAGE 3-A

● Cl⁻

RN 378759-59-2 CAPLUS

CN 1,3,5-Triazin-2-aminium, N-(2-ethoxy-2-oxoethyl)-4,6-dimethoxy-N,N-dimethyl-, chloride (9CI) (CA INDEX NAME)

● Cl⁻

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2000:645956 CAPLUS

DN 133:237419

TI Process for producing carboxylic acid derivative and condensing agent comprising quaternary ammonium salt

IN Iwasaki, Fumiaki; Miharu, Michiko; Hirano, Naoki; Saijyo, Masako; Tani, Shohei; Kunishima, Munetaka; Terao, Keiji

PA Tokuyama Corporation, Japan

SO PCT Int. Appl., 154 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

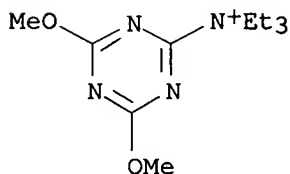
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000053544	A1	20000914	WO 2000-JP834	20000215
	W: CA, CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2331850	A1	20000914	CA 2000-2331850	20000215
	EP 1085000	A1	20010321	EP 2000-902982	20000215
	EP 1085000	B1	20041006		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	AT 278650	T	20041015	AT 2000-902982	20000215
	US 6458948	B1	20021001	US 2000-674930	20001211
PRAI	JP 1999-60765	A	19990308		
	JP 1999-137693	A	19990518		
	JP 1999-293202	A	19991015		
	WO 2000-JP834	W	20000215		
OS	CASREACT 133:237419; MARPAT 133:237419				
IT	49730-37-2, (4,6-Dimethoxy-1,3,5-triazin-2-yl)triethylammonium perchlorate				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(condensing agent; process for producing carboxylic acid derivative and condensing agent comprising quaternary ammonium salt)				
RN	49730-37-2 CAPLUS				
CN	1,3,5-Triazin-2-aminium, N,N,N-triethyl-4,6-dimethoxy-, perchlorate (9CI) (CA INDEX NAME)				

CM 1

CRN 48163-92-4

CMF C11 H21 N4 O2

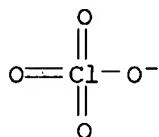


CM 2

CRN 14797-73-0

CMF C1 O4

10/588,940

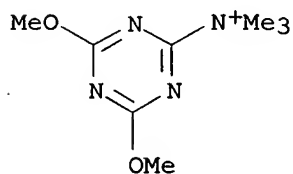


RE.CNT 17

THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

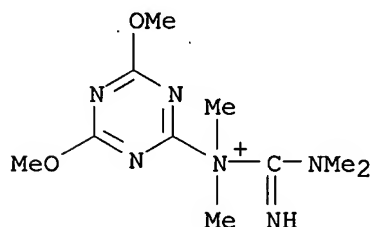
L4 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1999:567099 CAPLUS
DN 132:107935
TI N-Substituted sulfonylcyanamides
AU Dovlatyan, V. V.; Hambartsumyan, E. N.
CS Arm. S-Kh. Akad., Yerevan, Armenia
SO Khimicheskii Zhurnal Armenii (1999), 52(1-2), 107-112
CODEN: KZARF3
PB Izdatel'stvo Gitutyun NAN Respubliki Armenii
DT Journal
LA Russian
OS CASREACT 132:107935
IT 87024-55-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction with cyanamide calcium salt)
RN 87024-55-3 CAPLUS
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)
(CA INDEX NAME)



● Cl⁻

10/588,940

L4 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1998:376459 CAPLUS
DN 129:40780
TI A Study on the Activation of Carboxylic Acids by Means of
2-Chloro-4,6-dimethoxy-1,3,5-triazine and 2-Chloro-4,6-diphenoxy-1,3,5-
triazine
AU Kaminski, Z. J.; Paneth, P.; Rudzinski, J.
CS Faculty of Chemistry, Technical University of Lodz, Lodz, 90-924, Pol.
SO Journal of Organic Chemistry (1998), 63(13), 4248-4255
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English
IT 208241-94-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(amidation using chlorotriazine/tertiary amine activation systems)
RN 208241-94-5 CAPLUS
CN 1,3,5-Triazin-2-aminium, N-[(dimethylamino)iminomethyl]-4,6-dimethoxy-N,N-
dimethyl-, chloride (9CI) (CA INDEX NAME)

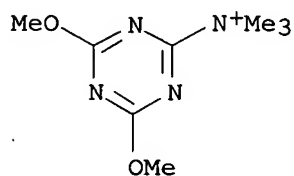


● Cl⁻

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/588,940

L4 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1990:77128 CAPLUS
DN 112:77128
TI Reinvestigation of ethanolamine condensation with chlorinated
sym-triazines
AU Dovlatyan, V. V.; Eliazyan, K. A.; Pivazyan, V. A.; Akopyan, A. G.
CS Arm. S-kh. Inst., Yerevan, 375009, USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1989), (5), 657-9
CODEN: KGSSAQ; ISSN: 0453-8234
DT Journal
LA Russian
OS CASREACT 112:77128
IT 87024-55-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(substitution reaction of, with chloroethylamine)
RN 87024-55-3 CAPLUS
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)
(CA INDEX NAME)

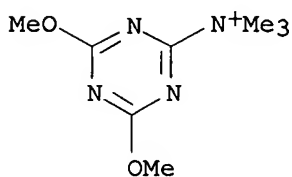


● Cl⁻

10/588,940

L4 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1984:121116 CAPLUS
DN 100:121116
TI Herbicidal heterocyclic alkylaminocarbonylsulfonamides
IN Levitt, George
PA du Pont de Nemours, E. I., and Co. , USA
SO Eur. Pat. Appl., 69 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

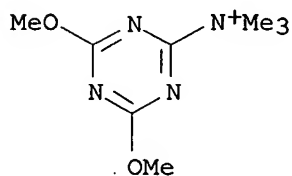
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 94260	A2	19831116	EP 1983-302681	19830511
	EP 94260	A3	19840718		
	EP 94260	B1	19890322		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	US 4496392	A	19850129	US 1983-472879	19830314
	JP 58206572	A	19831201	JP 1983-80248	19830510
	BR 8302430	A	19840110	BR 1983-2430	19830510
	ZA 8303328	A	19841224	ZA 1983-3328	19830510
	CA 1183845	A1	19850312	CA 1983-427800	19830510
	DK 8302129	A	19831113	DK 1983-2129	19830511
	AT 41658	T	19890415	AT 1983-302681	19830511
	US 4565567	A	19860121	US 1984-678881	19841206
PRAI	US 1982-377371	A	19820512		
	US 1983-472879	A	19830314		
	EP 1983-302681	A	19830511		
OS	CASREACT 100:121116; MARPAT 100:121116				
IT	87024-55-3P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation and reaction of, with cyanide)				
RN	87024-55-3 CAPLUS				
CN	1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)				
	(CA INDEX NAME)				



● Cl⁻

10/588,940

L4 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1983:522420 CAPLUS
DN 99:122420
TI Method of 2,4-dimethoxy-6-allyloxy-s-triazine preparation
AU Likhterov, V. R.; Lobova, S. I.
CS USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1983), (6), 844-5
CODEN: KGSSAQ; ISSN: 0453-8234
DT Journal
LA Russian
OS CASREACT 99:122420
IT 87024-55-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and alkoxylation of, by allyl alc.)
RN 87024-55-3 CAPLUS
CN 1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)
(CA INDEX NAME)



● Cl⁻

10/588,940

L4 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1973:104455 CAPLUS
DN 78:104455
TI Heterocyclic onium salts as hardeners for photographic layers
IN Froehlich, Alfred; Tschopp, Paul; Deuschel, Werner
PA Ciba-Geigy A.-G.
SO Ger. Offen., 69 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2215720	A	19721019	DE 1972-2215720	19720330
	CH 574759	A5	19760430	CH 1971-5019	19710405
	US 3826788	A	19740730	US 1972-238896	19720328
	CA 1004669	A1	19770201	CA 1972-138609	19720330
	IT 952504	B	19730730	IT 1972-49396	19720331
	BE 781621	A1	19721004	BE 1972-115899	19720404
	FR 2132420	A5	19721117	FR 1972-11790	19720404
	FR 2132420	B1	19740802		
	GB 1378440	A	19741227	GB 1972-15610	19720405
	JP 55036974	B	19800925	JP 1972-33576	19720405
PRAI	CH 1971-5019	A	19710405		
IT	41473-69-2 41473-77-2 41473-82-9				
	41473-85-2 41473-91-0 41473-92-1				
	41473-95-4 41474-00-4				
RL:	USES (Uses)				
	(photographic hardening agent)				
RN	41473-69-2 CAPLUS				
CN	1,3,5-Triazin-2-aminium, N,N,N-triethyl-4,6-dimethoxy-, perchlorate, compd. with sodium chloride (NaCl) (1:1) (9CI) (CA INDEX NAME)				

CM 1

CRN 7647-14-5

CMF Cl Na

Cl-Na

CM 2

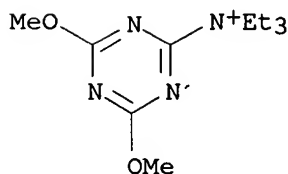
CRN 49730-37-2

CMF C11 H21 N4 O2 . Cl O4

CM 3

CRN 48163-92-4

CMF C11 H21 N4 O2

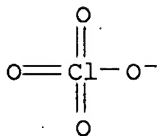


10/588,940

CM 4

CRN 14797-73-0

CMF Cl O4



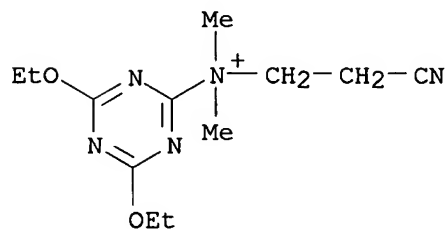
RN 41473-77-2 CAPLUS

CN 1,3,5-Triazin-2-aminium, N-(2-cyanoethyl)-4,6-diethoxy-N,N-dimethyl-, perchlorate (9CI) (CA INDEX NAME)

CM 1

CRN 48176-60-9

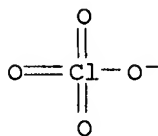
CMF Cl2 H20 N5 O2



CM 2

CRN 14797-73-0

CMF Cl O4



RN 41473-82-9 CAPLUS

CN 1,3,5-Triazin-2-aminium, N-(2-hydroxyethyl)-4,6-dimethoxy-N,N-dimethyl-, perchlorate (salt), compd. with sodium chloride (NaCl) (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 7647-14-5

CMF Cl Na

10/588,940

Cl-Na

CM 2

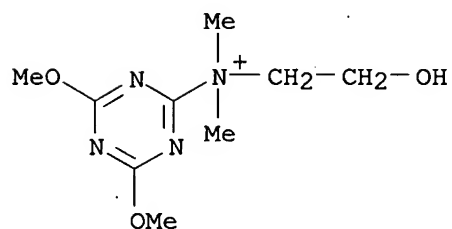
CRN 49730-34-9

CMF C9 H17 N4 O3 . Cl O4

CM 3

CRN 48162-13-6

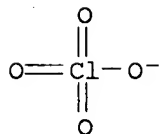
CMF C9 H17 N4 O3



CM 4

CRN 14797-73-0

CMF Cl O4



RN 41473-85-2 CAPLUS

CN 1,3,5-Triazin-2-aminium, 4,6-diethoxy-N,N-dimethyl-N-(phenylmethyl)-, perchlorate, compd. with sodium chloride (NaCl) (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 7647-14-5

CMF Cl Na

Cl-Na

CM 2

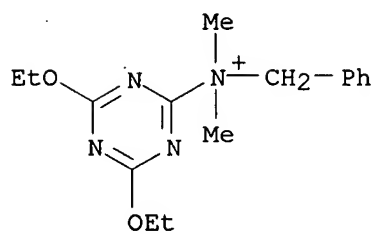
CRN 49730-46-3

CMF C16 H23 N4 O2 . Cl O4

CM 3

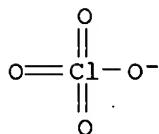
10/588,940

CRN 48191-78-2
CMF C16 H23 N4 O2



CM 4

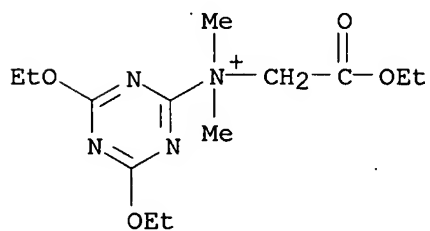
CRN 14797-73-0
CMF Cl O4



RN 41473-91-0 CAPLUS
CN 1,3,5-Triazin-2-aminium, 4,6-diethoxy-N-(2-ethoxy-2-oxoethyl)-N,N-dimethyl-, perchlorate (9CI) (CA INDEX NAME)

CM 1

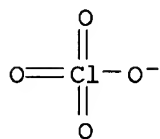
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CMF C13 H23 N4 O4



CM 2

CRN 14797-73-0
CMF Cl O4

10/588,940



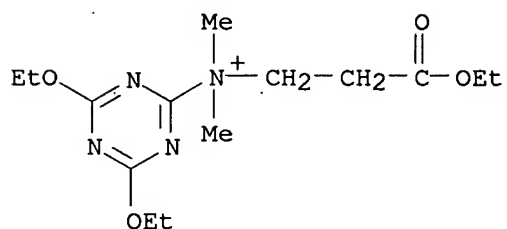
RN 41473-92-1 CAPLUS

CN 1,3,5-Triazin-2-aminium, 4,6-diethoxy-N-(3-ethoxy-3-oxopropyl)-N,N-dimethyl-, perchlorate (9CI) (CA INDEX NAME)

CM 1

CRN 48194-28-1

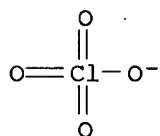
CMF C14 H25 N4 O4



CM 2

CRN 14797-73-0

CMF C1 O4



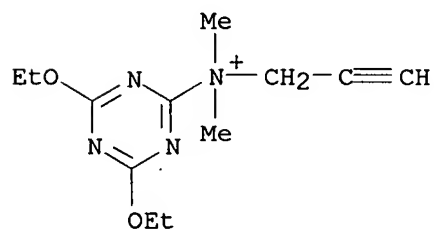
RN 41473-95-4 CAPLUS

CN 1,3,5-Triazin-2-aminium, 4,6-diethoxy-N,N-dimethyl-N-2-propynyl-, perchlorate (9CI) (CA INDEX NAME)

CM 1

CRN 48170-25-8

CMF C12 H19 N4 O2

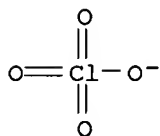


10/588,940

CM 2

CRN 14797-73-0

CMF Cl O4



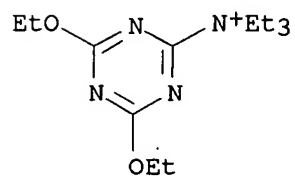
RN 41474-00-4 CAPLUS

CN 1,3,5-Triazin-2-aminium, 4,6-diethoxy-N,N,N-triethyl-, perchlorate (9CI)
(CA INDEX NAME)

CM 1

CRN 48176-21-2

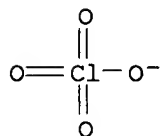
CMF C13 H25 N4 O2



CM 2

CRN 14797-73-0

CMF Cl O4



10/588,940

L4 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1953:72912 CAPLUS

DN 47:72912

OREF 47:12422a-d

TI Substituted heterocyclic compounds

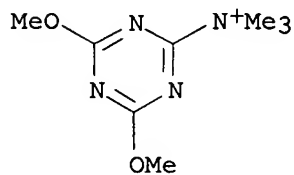
PA Osterreichische Stickstoffwerke A.-G.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	AT 174377		19530325	AT	
IT	87024-55-3P, Ammonium, (4,6-dimethoxy-s-triazin-2-yl)trimethyl-, chloride				
	RL: PREP (Preparation)				
	(preparation of)				
RN	87024-55-3 CAPLUS				
CN	1,3,5-Triazin-2-aminium, 4,6-dimethoxy-N,N,N-trimethyl-, chloride (9CI)				
	(CA INDEX NAME)				



● Cl⁻

10/588,940

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

58.39

230.70

STN INTERNATIONAL LOGOFF AT 12:21:03 ON 04 SEP 2007